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Examiner .	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Peges, Columna, Lines, Where Rolevant Passagas of Relevan Figures Appear	
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		FORE	IGN PATENT DOCU	MENTS		
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Examiner Signature	$\overline{\top}$	/San Ming Hui/		Date Considered	06/30/2006	_

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Attorney Docket Number

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Application Number 09/868,120
Filing Date June 14, 2001
First Named Inventor David Thomas Dudley
Art Unit 1617
Examiner Name San Ming R. Hui

5968-01-SMH

Complete if Known

Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where
	110.	Number-Kind Code ^{2 (# known)}	MINI-OLETTTT	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
SH		US- 5,962,265	10-05-1999	Norris et al.	
		US- 5,981,265	11-09-1999	Johnson	
		US- 6,098,631	08-08-2000	Holoshitz et al.	
		US- 6,518,259	02-11-2003	Holoshitz et al.	
V		US- 2003/0119789	06-26-2003	Holoshitz et al.	
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SH		WO 99/37298	07-29-1999	Holoshitz et al.		
SH		WO 99/61440	12-02-1999	Adams		
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				Application Number	09/868,120
INFO		CLOSURE	Filing Date	June 14, 2001	
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	INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Art Unit	1617		
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	,	NON PATENT LITERATURE DOCUMENTS		
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		DUNCIA et al., "MEK INHIBITORS: THE CHEMISTRY AND BIOLOGICAL ACTIVITY OF U0126, ITS ANALOGS, AND CYCLIZATION PRODUCTS", Bioorganic & Medicinal Chemistry Letters, Vol. 8, 1998, pp 2839-2844		
		SCHERLE et al., "The Effects of IL-1 on Mitogen-Activated Protein Kinases in Rabbit Articular Chondrocytes", Biochemical and Biophysical Research Communications, Vol. 230, 1997, pp 573-577		
		MIGITA et al., "The effects of the immunosuppressant rapamycin on the growth of rheumatoid arthritis (RA) synovial fibroblast", Clin. Exp. Immunol., Vol. 104, 1996, pp 86-91		
		PILLINGER et al., "Modes of action of aspirin-like drugs: Salicylates inhibit Erk activation and integrin-dependent neutrophil adhesion", Proc. Natl. Acad. Sci. USA, Vol. 95, 1998, pp 14540-14545		
V		Ll and ZAFARULLAH, "Oncostatin M Up-Regulates Tissue Inhibitor of Metalloproteinases-3 Gene Expression in Articular Chondrocytes via De Novo Transcription, Protein Synthesis, and Tyrosine Kinase- and Mitogen-Activated Protein Kinase-Dependent Mechanisms", The Journal of Immunology, Vol. 161, 1998, pp 5000-5007		

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Examiner Signature	/San Ming Hui/	Date Considered	06/30/2006

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Complete if Known Substitute for form 1449/PTO Application Number 09/868,120 SUPPLEMENTAL Filing Date June 14, 2001 INFORMATION DISCLOSURE First Named Inventor David Thomas Dudley STATEMENT BY APPLICANT Art Unit (Use as many sheets as necessary) Examiner Name San Ming R. Hui Sheet Attorney Docket Number 5968-01-SMH

Examiner	Cite	Document Number	Duddiontina Des	DOCUMENTS	T 6 6
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SH		US- 5,155,110	10-13-1992	Connor et al.	
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		NON PATENT LITERATURE DOCUMENTS	
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SH .	WILLIAMS et al., "Ro 09 2210 Exhibits Potent Anti-proliferative Effects on Activated by Selectively Blocking MKK Activity", Biochemistry, Vol. 37, No. 26, 1998, pp 9579.		
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